

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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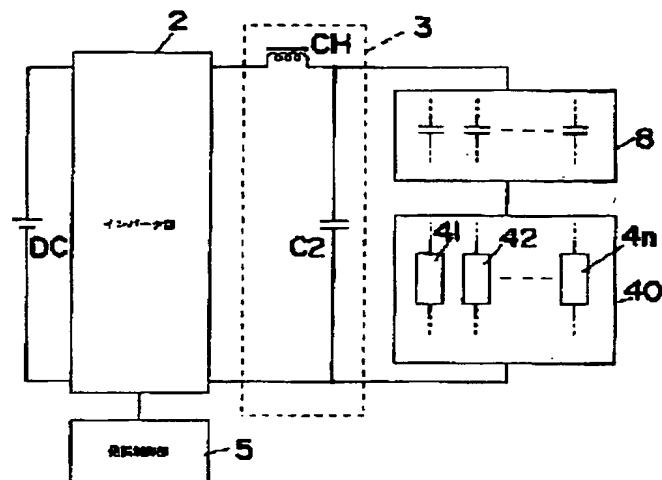
APPLICATION DATE : 24-02-98  
APPLICATION NUMBER : 10042470

APPLICANT : MATSUSHITA ELECTRIC WORKS LTD;

INVENTOR : SATO KATSUMI;

INT.CL. : H05B 41/24 H05B 41/392

TITLE : DISCHARGE LAMP LIGHTING DEVICE



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide a discharge lamp lighting device with reduced light output difference between discharge lamps by reducing the number of parts to miniaturize the device, and constituting a circuit in which lamp currents flowing through the respective discharge lamps become equal to each other.

**SOLUTION:** This device is used for an inverter part 2 and a first resonance circuit 3 with respect to discharge lamps 41 and so on constituting a load circuit 40, and reduction of the number of parts and compactness of the device are realized. A second resonance circuit 8 is connected to set lamp currents through the discharge lamps 41 and so on in the load circuit 40 to be equal to each other, thereby light output difference between the discharge lamps 41 and so on is reduced.

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